FIG. 1A

									٠.				٠.	• ' . •		
ate	g agg	gto	aca	aag	atc	cat	ggg	aga	ago	iatq	qct	tcc	taa	aat	cac	48
Met	. Ara	Val	Thr	Lvs	Ile	His	Glv	Ara	Ser	Met	Δla	Ser	יייר יי	GIV	His	
								3	10					_		
						•		•	10	. 5.	•			15		
						•		1. 3	•		٠.	· .	,			
aca	a tto	act	cac	cac	ttc	ctt	tgg	ctg	gga	gtg	ggg	gct	ccc	ttg	gtt	96
Thi	Phe	Thr	His	His	Phe	Leu	Tro	Leu	Glv	Val	Glv	Αla	Pro	Leu	Val	
			- 20			,		25	1		,1		30			•
	٠. " ,	:						: 23	100		: . <i></i> .	.* *	30		T. 3	
	- : - . .	:			 			• • •			1 N 1	•	٠.		•	
															tct	144
Thi	: Cys	His	Ser	Arg	Val	Gly	Cys	Cys	Ser	Pro	Pro	Phe	Leu	His	Ser	
		35		• • -	٠, , .	, ~.	40			. '		45			•	* •
100													. •	•		**
-		-	المتلكاء													
- 00	. Lgg	gut	gee	,ccc	ctg	atc	agt	ccċ	aat	gcg	agt	acc	rgg	ata	tat	192
Pro	Trp	Val	Val	Ser	Leu	Ile	Ser	Pro	Asn	Ala	Ser	Thr	Trp	Ile	Tyr	
	50					55			٠.,		.60		٠		-	
: .		:									į. –					
cac	r tta	aad	act	ftg	aad	cct	gag	222	202	a a a	"tat	~++	tak	~+~	aag	240
015	Ton	T	mb	Tan	t	200	949	T	m	gac	Cat	9	Lat	9.9	aay	240
		пув	Int	Leu	тув.	PIO	GIU	гАв	Inr	Asp	ıyr	val	Tyr	vaı	Lys	
65	·	etu.		4.1.3	70	5 3			:	75			•		. 80	
					0				:		••		:	•	٠.	
ctt	ttq	ttt	cta	gaq	atq	aaa	ata	gca	gag	cca	aga	gga	ato	ato	aaa.	288
Leu	Leu	Dhe	Len	G111	Met	T.ve	Tla	712	Glu	Dro	7~~	23.	Mot	Mot	Trea	200
		1110	пса	014	1100	دريد	-110	Ala	Ġiū	PIO	ALG	. Сту	Mec	Mec	ոչո	
. ;		• • • • •		85		• •	• • •		90	1.		••	•	95	٠	
				: •						4.5	٠.					
aaa	ttc	act	gtt	gga	cta	tat	gga	aaa	ctc	agg	ctg	tgt	tca	tgg	tct	336
Lys	Phe	Thr	Val	Gly	Leu	Tyr	Gly	Lvs	Leu	Arg	Leu	Cvs	Ser	Trp	Ser	
.: Ti.			100		trace per			105					110	·		
•	٠		-00					-03	٠,		₹.		110	٠.		
•								•					• .			· · · ·
·ttg	agt	gaa	cta	ַנננ	tca	aca	ttg	aaa	att	gac	aca	cct	cag	cgg	ggg	384
Leu	Ser	Glü	Leu	Phe	Ser	Thr	Leu	Lys	Ile	Asp	Thr	Pro	Gln	Arg	Gly	
		115	: : :		N. 12.		.120		٠.	• .		125				
			1.50		· .				٠, ,		1.5			•		· .
200	att	636	~~+	250	22+	a=+	-	~+~				· ·				420
250	71.	Cag	gat	77-	aat	tri -	cgg	9-9	بي	get	-	cag	gac.	cag	acg	432
ser		GIN	Asp	TTE			Arg	vaı	Trp	val		GIn	Asp	GIn	Thr.	
• • •	130	71.718			1	:135		· ·		• • • •	140	٠.		. '		
. •		3 / B	·				• • :	•			•	٠		٠		. :
ctc	ata	qca	atc	daa	agg	aaq	gac	cat	ato	tet	cca	atc	act	att	ada	480
Ten	Tle	Δla	Val	Pro	Ara	Tave	Agn	Ara	Met	Cor	Dro	77-1	The	Tle	Ala	
145			741			175	TOP	vr.a	MEC		PIO	vai	THE	TIG		
. 143		·· . · .		1.	150	. :			·.:	155	,	*			160	• • •
	*: ': :	· · · /·,		- '			:	٠:	1.7.4		•					
tta	atc	tca	tgc	cga	cat	gtg	gag	acc	ctt	gag	aaa	gac	aga	ggg	gac	528
Leu	Ile	Ser	Cys	Ara	His	Val	Glu	Thr	Leu	Glu	Lvs	Asp	Ara	Glv	Āsp	··
. '				165					170		-4-			175		
-	•. •			_,55	· ' ' ' ' - ' .		٠.,		- /0,	: • •	•	•		-13	• . •	
				٠.			٠, ٠		•							::
	atc															576
Pro	Ile	Tyr	Leu	Gly	Leu	Asn	Gly	Leu	Asn	Leu	Cys	Leu	Met	Cys	Ala	
•			180					185	٠.,		∹:		190		• • •	
		٠.	· .	٠.				٠. '		;	•	•	•			
222	atc	aaa	G2C	car	CCC	aca	cta		at-	22~	a ===	224	~~+	2+3	a+~	624
T	gtc	222	gac.	az-	.D~-	mb	Tarr	cay	.c.g	aay	yaa	aay	yat	ala	acy	624
пĀг	Val		Asp	GIL	FLO	THE		Gin	ьeu	гÀг	GIU	_	Asp	тте	Met	
÷.		195					200			•		205	•			

FIG. 1B

ttg	tac	aac	caa	CÇC	gag	cct	qtq	aaq	tcc	ttt	ctc	ttc	tac	cac	- 672
Leu	Tyr	Asn	Gln	Pro	Glu	Pro	·Val	Lys	Ser	Phe	Leu	Phe	Tvr	Hig	0,2
210	Ī.		· .	100	215								-7-	11.13	. A
•		• • • • • • • • • • • • • • • • • • • •	٠.								٠. ٔ	٠.	٠.	• •	
caq	agt	gac	agg	aac	tcc	acc	ttc	gag	tet	ata	act	++~	act.		770
Gln	Ser	Glv	Ara	Agn	Ser	Thr	Dho	273	Cor	37-3	37-	71-		gge	720
7		017				TILL	FIIG	Giu		vai	Ala	Pue	Pro	GTA	
٠				230		٠.٠	٠.		235	•				.240	. :
					100			· · · · · ·							
ttc	ațc	gct	gtc	agc	tct	gaa	gga	ggc	tgt	cct	ctc	atc	ctt	acc	768
Phe	Ile	Ala	Val	Ser	Ser	Glu	Glv	Glv	Cvs	Pro	Leu	Tle	Len	Thr	
	• • •	:'. •	245	.i.,	• • • •				-2			:		****	
	1.20			·				230			•		,433,		
					· ·						·			:	
gaa	ctg	.999	aaa	acc	aac	act	act	gac	ttt	ggg	·tta	act	atg	ctg	816
Glu	Leu	Gly	Lys.	Ala	Asn	Thr	Thr	Asp	Phe	Gly	Leu	Thr	Met	Leu	
	-	260		ç* ·	` •		265			_		270	•		
											: :	-:-			•
		,	· 								·	·		•	
٠.	٠				•				18 B.	:	•	٠	1.00	5	819
	cag Gln ttc Phe	cag agt Gln Ser ttc atc Phe Ile	Leu Tyr Asn 210 cag agt ggc Gln Ser Gly ttc atc gct Phe Ile Ala gaa ctg ggg Glu Leu Gly	Leu Tyr Asn Gln 210 cag agt ggc agg Gln Ser Gly Arg ttc atc gct gtc Phe Ile Ala Val 245 gaa ctg ggg aaa Glu Leu Gly Lys	Leu Tyr Asn Gln Pro 210 cag agt ggc agg aac Gln Ser Gly Arg Asn 230 ttc atc gct gtc agc Phe Ile Ala Val Ser 245 gaa ctg ggg aaa gcc Glu Leu Gly Lys Ala	Leu Tyr Asn Gln Pro Glu 210 215 cag agt ggc agg aac tcc Gln Ser Gly Arg Asn Ser 230 ttc atc gct gtc agc tct Phe Ile Ala Val Ser Ser 245 gaa ctg ggg aaa gcc aac Glu Leu Gly Lys Ala Asn	Leu Tyr Asn Gln Pro Glu Pro 210 215 cag agt ggc agg aac tcc acc Gln Ser Gly Arg Asn Ser Thr 230 ttc atc gct gtc agc tct gaa Phe Ile Ala Val Ser Ser Glu 245 gaa ctg ggg aaa gcc aac act Glu Leu Gly Lys Ala Asn Thr	Leu Tyr Asn Gln Pro Glu Pro Val 210 cag agt ggc agg aac tcc acc ttc Gln Ser Gly Arg Asn Ser Thr Phe 230 ttc atc gct gtc agc tct gaa gga Phe Ile Ala Val Ser Ser Glu Gly 245 gaa ctg ggg aaa gcc aac act act Glu Leu Gly Lys Ala Asn Thr Thr	Leu Tyr Asn Gln Pro Glu Pro Val Lys 210 215 cag agt ggc agg aac tcc acc ttc gag Gln Ser Gly Arg Asn Ser Thr Phe Glu 230 ttc atc gct gtc agc tct gaa gga ggc Phe Ile Ala Val Ser Ser Glu Gly Gly 245 250 gaa ctg ggg aaa gcc aac act act gac Glu Leu Gly Lys Ala Asn Thr Thr Asp	Leu Tyr Asn Gln Pro Glu Pro Val Lys Ser 210 215 cag agt ggc agg aac tcc acc ttc gag tct Gln Ser Gly Arg Asn Ser Thr Phe Glu Ser 230 235 ttc atc gct gtc agc tct gaa gga ggc tgt Phe Ile Ala Val Ser Ser Glu Gly Gly Cys 245 250 gaa ctg ggg aaa gcc aac act act gac ttt Glu Leu Gly Lys Ala Asn Thr Thr Asp Phe	Leu Tyr Asn Gln Pro Glu Pro Val Lys Ser Phe 210 215 220 cag agt ggc agg aac tcc acc ttc gag tct gtg Gln Ser Gly Arg Asn Ser Thr Phe Glu Ser Val 230 235 ttc atc gct gtc agc tct gaa gga ggc tgt cct Phe Ile Ala Val Ser Ser Glu Gly Gly Cys Pro 245 250 gaa ctg ggg aaa gcc aac act act gac ttt ggg Glu Leu Gly Lys Ala Asn Thr Thr Asp Phe Gly	Leu Tyr Asn Gln Pro Glu Pro Val Lys Ser Phe Leu 210 215 220 cag agt ggc agg aac tcc acc ttc gag tct gtg gct Gln Ser Gly Arg Asn Ser Thr Phe Glu Ser Val Ala 230 235 ttc atc gct gtc agc tct gaa gga ggc tgt cct ctc Phe Ile Ala Val Ser Ser Glu Gly Gly Cys Pro Leu 245 250 gaa ctg ggg aaa gcc aac act act gac ttt ggg tta Glu Leu Gly Lys Ala Asn Thr Thr Asp Phe Gly Leu	Leu Tyr Asn Gln Pro Glu Pro Val Lys Ser Phe Leu Phe 210 220 cag agt ggc agg aac tcc acc ttc gag tct gtg gct ttc Gln Ser Gly Arg Asn Ser Thr Phe Glu Ser Val Ala Phe 230 235 ttc atc gct gtc agc tct gaa gga ggc tgt cct ctc atc Phe Ile Ala Val Ser Ser Glu Gly Gly Cys Pro Leu Ile 245 250 gaa ctg ggg aaa gcc aac act act gac ttt ggg tta act Glu Leu Gly Lys Ala Asn Thr Thr Asp Phe Gly Leu Thr	Leu Tyr Asn Gln Pro Glu Pro Val Lys Ser Phe Leu Phe Tyr 210 215 220 cag agt ggc agg aac tcc acc ttc gag tct gtg gct ttc cct Gln Ser Gly Arg Asn Ser Thr Phe Glu Ser Val Ala Phe Pro 230 235 ttc atc gct gtc agc tct gaa gga ggc tgt cct ctc atc ctt Phe Ile Ala Val Ser Ser Glu Gly Gly Cys Pro Leu Ile Leu 245 250 255 gaa ctg ggg aaa gcc aac act act gac ttt ggg tta act atg Glu Leu Gly Lys Ala Asn Thr Thr Asp Phe Gly Leu Thr Met	cag agt ggc agg aac tcc acc ttc gag tct gtg gct ttc cct ggc Gln Ser Gly Arg Asn Ser Thr Phe Glu Ser Val Ala Phe Pro Gly 230 235 240 ttc atc gct gtc agc tct gaa gga ggc tgt cct ctc atc ctt acc Phe Ile Ala Val Ser Ser Glu Gly Gly Cys Pro Leu Ile Leu Thr 245 250 255 gaa ctg ggg aaa gcc aac act act gac ttt ggg tta act atg ctg Glu Leu Gly Lys Ala Asn Thr Thr Asp Phe Gly Leu Thr Met Leu